

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: George Gingell <k3tks@u1.abs.net>
Subject: [2742] 10116 Crystals
Message-ID: <Pine.BSI.3.93.960816131820.21945A-100000@u1.abs.net>

Mike and others,
I believe that Doug Hendricks of NorCal Club was offering a special price on selected crystals for the 49er. I forget the pricing at the moment. Very good as I recall. Contact Doug at ki6ds@telis.org

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net
Maryland Milliwatt Club QRP Reference Library, (301)572-6789

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: scott.thomas@circellar.com
Subject: [2759] 1995 CQ COLLECTOR'S EDITION
Message-ID: <9608161754.0P5JQ01@circellar.com>

I've come across 1993, 1994 and part of 1995 CQ mags. If anyone is looking for an edition in this date range, let me know. The 1/95 collectors edition has an old ad with picture of the PM1 and Kantronics 8040A receiver. If someone is seriously interested in this edition, contact me direct vie e-mail.

Scott.

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: "John D. Seboldt" <rohrwerk@pconline.com>
Subject: [2753] 49'er Broadcast Interference
Message-ID: <199608161911.0AA23177@newton.pconline.com>

Someone was writing regarding AM interference in direct conversion receivers.

Even with my fancy R2 with high-level mixers, I get some AM bleedthrough from a 50 kW broadcaster about 8 miles away (and/or a lower-power broadcaster close in during the day). (It bleeds into a lot else BTW if things aren't grounded right, so I don't entirely blame the R2). In a humbler R2 rig in one self-contained box, there are bursts of 40 meter shortwave broadcasters that will bleed through depending on the QSB. (I heard this on Field Day out in the boonies also). This could of

course be aggravated by the quick-and dirty back-to-back diode type TR switch.

In both these cases, my tuner comes to the rescue! It's an SPC circuit, with an inductor wound on a T-106-2 with lots of little wire taps soldered on to the #18 wire. It floats from ground, and is preceded by a balun transformer: 3 turn primary and secondary on a BN-43-3312 core. I made the balun bypassable just to have more to play with.

In the case of the local interference on the big R2, the balun I think is what makes the difference -- shorting the balun brings the broadcast interference back in. A large choke balun of coax does not do the same thing. So a good transformer balun can reject common-mode stuff riding in on both halves of your balanced feeder. That balun seems to handle the 50 watts from a Ten Tec Argosy with no signs of heating also.

In the case of the 40m interference on the little rig, I could eliminate the interference by using a tuner setting with higher L and lower C, thus giving the thing sharper bandwidth. Theoretically this increases losses also, but the difference, if any, is not easily readable on a little RF current meter in the feedline.

Just my \$0.02...

New provider, BTW:

```
:      John Seboldt          \  A a a a a a a a h . . .
:rohrwerk@pcOnline.com | Ham: K0JD \  B A A A A A A C H . . .
:Minneapolis, MN USA | Music Dir.,/      ==-
:  Church of the Annunciation  /      Radar O'Reilly
```

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: KB0PJE /5 JFD <jdougher@wt.net>
Subject: [2723] 49-er & Altoids pack
Message-ID: <321443DA.49E0@wt.net>

Am in middle of soldering up my 49-er and decided to check on packaging info. This page has more than I wanted to know:

<http://www.getnet.com/~markt/altoids.html>

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: wq8q@juno.com (Rick Tyler)

Subject: [2751] Altoids Tins

Message-ID: <19960816.152900.6679.1.wq8q@juno.com>

Since I already had an empty Altoids tin when I bought my 40-9er, I didn't give much thought to where to find them, but since I messed up the one I had, I've been looking for another, and after trying all the local specialty food shops that usually have oddball sweets and such, with no luck, I walked into my neighborhood Walgreens Drug Store yesterday, and lo and behold, there was a display of them. \$1.99

72/73 de Rick, WQ8Q
Cincinnati

From owner-qrp-l@Lehigh.EDU Fri Aug 16 23:13:58 1996

From: "J. Skalski" <jskalski@acsu.buffalo.edu>

Subject: [2756] Argonaut 509 sale/trade

Message-ID:

<Pine.GS0.3.93.960816170208.27570A-100000@conciliator.acsu.buffalo.edu>

Hello,

I have a ten tec argonaut model 509 qrp cw/ssb transceiver in very good condition. I usually use my Sierra (high power) or homebrew rigs(low power). The 509 is for sale.

I currently could use another computer. I have 72-pin 4x36 72 pin 70ns simms available for use, so a mother board that could use them would be nice. I have a monochrome vga monitor to use with the new computer so VGA is a must. I have several computer keyboards with both IBM DIN and PS2 style connectors so that would not be necessary.

To be useful in my office the new computer must have a minimum of 4Mram. It will be used for wordprocessing and billing.

I have been reading the September COMPUTER SHOPPER looking at motherboards. The thought came to mind that maybe someone on the list might have something that they have outgrown.

If you have a motherboard, computer,laptop or components and would rather have a classic qrp rig; that would be great. We can work out the particulars.

73,

Jim N2G0
The Buffalo QRP CONNECTION

ARCI #9013 QRP-L #381
jskalski@acsu.Buffalo.EDU

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: Bob Schnick <SCHNICK@SHRSYS.HSLC.ORG>
Subject: [2728] Atomic Keyers
Message-ID: <01I8C4J8SFAU8WWT2U@SHRSYS.HSLC.ORG>

This topic has probably come up before, if it has, I apologize for the redundancy.

The Atomic Keyer is one of the great QRP accessories of the year. It is wholly functional, a breeze to assemble and straight forward to operate.

My callsign hat is off to the fellows at Embedded Research. First class!

de KA3YJG/QRP

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: Mark_Korchinski@isdtcp3.hwc.ca
Subject: [2733] Buffalo Hamfest Sept. 21- Query
Message-ID: <9607168402.AA840218572@isdtcp3.hwc.ca>

Any feedback on the Buffalo hamfest re: content, dealers,
and particularly the size of the fleamarket?

It's 7 hours from Ottawa, so I'm interested to
know if it is worth the drive.

73,
Mark VA3ZU

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: Brent Alexenko <alexenko@prairie.NoDak.edu>
Subject: [2745] Can I play too???

Message-ID: <Pine.OSF.3.91.960816130026.296D-100000@prairie.NoDak.edu>

Now that funds allow investment in more radio gear, I've been planning a long awaited QRP station. The only major setback is what to do for an antenna. I'm limited to something indoors due to lack of anything even resembling roof access. A wire tossed out the window would work for a while, but winters here tend to be a bit brisk. I'd like something for when the low temperature here in North Dakota is the same as the daily high on Mars (it happened)! My apartment is pretty small, but I think I could put up a 40m dipole with a few curves in it (almost a loop).

I've also been considering a G5RV which would fit inside, but only with SEVERAL 90 degree turns in it.

I'm looking for the most efficient design for what little space I have. 80M would be nice, but not totally necessary.

Would the radiation pattern of a G5RV be really distorted with curves in it? Is a 40m dipole (loop) my best bet?

Hopefully, something will work out and I'll be able to join in all the fun. I've just got the 20 wpm test left before making Extra, and the code tapes just aren't cutting it anymore.

Thanks in advance,

Brent
KG0WE

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: "michael (w.m.) babineau" <babineau@nortel.ca>
Subject: [2737] Comments on MFJ QRP Tuner?
Message-ID: <"10374 Fri Aug 16 12:18:02 1996"@bnr.ca>

Hi :

I'm looking for some feedback from owners of the MFJ QRP Tuner. I think the model is 941?? Anyway, it is the one with the cross-needle meters that matches their line of QRP rigs.

I understand the this tuner can be configured so that max scale in the forward direction corresponds to 6 watts. What I am interested in is whether it is sensitive enough to give a reasonable indication of SWR with 1 to 2 watts in (ie the power output of most of the available QRP kits).

Comments appreciated.

Michael
VE3WMB

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: Tom Bowman <tbowman@nbn.net>
Subject: [2764] Contact cleaner
Message-ID: <2.2.32.19960817010318.006a8e28@nbn.net>

At 03:24 PM 8/16/96 PST, you wrote:

> Well, folks
> things have changed at RS. Went there today to get some contact
> cleaner and lo and behold, the U.S. EPA has sunk their teeth into
> yet another industry . . . RS does indeed have contact cleaner...
> ... but expect to pay in the neighborhood \$15.99....
> I try to stay out of that neighborhood so I passed.

For that price, try Caig's DeoxIT Red.
I use the spray can version - sparingly.
A friend says he has good luck just
threatening uncooperative contacts with DeoxIT.

73,
Tom

Tom Bowman, WA3REY, Mount Gretna, PA 17064 tbowman@nbn.net

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: Joel Malman <malman@BBN.COM>
Subject: [2763] CW keyboards
Message-ID: <199608170102.VAA27289@nss2.CC.Lehigh.EDU>

QRP Folks,

While not completely QRP related ... I have a wonderful NC40a but because of a physical problem I have trouble SENDING cw with either a stright key or [shutter, the thought] a bug. I have not tried sending with a keyer because I suspect the squeeze and hand/wrist action would be as hard for me as with as bug or key. I have no problems receiving cw -- 20-25 wpm QSO's are find with me.

Anyways... I have no problem typing, and am thinking about buying the MFJ

"Dedicated CW Keyboard" (MFJ model 451).

This (PC) keyboard plus MFJ box claims to be able to key "nearly any modern" TX. It would seem to be the perfect shack accessory for me.

The question is, has anyone ever used this widget before? It would appear that it will work with the NC40a without problems.

Question: does anyone have a better solution to my problem of not being able to use a key/bug ?? If so, please let me know.

/joel wa1qvm joel@bbn.com

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: Dan Keen <70731.722@CompuServe.COM>
Subject: [2726] Explorer 1 or II
Message-ID: <960816055938_70731.722_EHM50-3@CompuServe.COM>

> I am thinking about buying the explorer I or explorer II.
> I am looking for input as to how good of a radio it is or is not.
> I also would like recommendations as to what band I would get the best
> use out of the rig. I'm thinking about 40 (but the AM signals)
> 30 well I've never been there, (tell me about 30 meters) 20 meters (I
> don't know maybe ?) I will use a dipole, from south Florida, at the
> bottom of Lake Okeechobee. I have an extra class ticket, and thought I'd
> try QRP. (brush up on the CW at the same time, oh well)
> thanks
> duane AB4BE
>

Duane, in case no one else has already mentioned it to you, someone on the list here mentioned that OHR now has a brand new replacement out for the Explorer II, called the OHR-100. Just so you don't rush out and buy the old model until you've checked out the new one.

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: GARY McCaughey <MAIL4GARY@worldnet.att.net>
Subject: [2724] Good sources for Solar Panels??
Message-ID: <19960816044546.AAA4044@LOCALNAME>

Am looking for a source of Solar Panels. Of course, price is important (strict budget here). Has anyone found a source for new/used panels in the

500 ma to 1 amp range that are reasonably priced??

Any help will be appreciated.

Gary
WA2UAX

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: "Chris J. Cartwright - ELF" <dsc3cjc@imc220.med.navy.mil>
Subject: [2734] Hamstick dipoles?
Message-ID: <Pine.3.89.9608161009.A739-01000000@imc220>

Group,

I am currently trapped in "no-tenna" townhouse hell! I've got a pretty good handle on the VHF/UHF stuff (the attic is fairly full:) but as I just got an Icom-735 (tnx Warren!) I'm looking for help/suggestions/pity for an antenna for this thing. I've recently been collecting hamsticks and very soon will have 40 thru 6, and some multiples.

I'm wondering how effective hamsticks are as "loaded" dipoles. I guess my first question is, is it worth dropping the \$150 on two 160M hamsticks to dipole in the attic or should I look for a used AEA or MFJ loop? Would the two 160's load across the band with a tuner since they are billed as "monoband" antennas? As soon as the other 40M stick shows up I can answer some of this for 40-10 by direct testing, but I'm still curious about the 160 dipole. I don't want to have to climb into the attic to QSY =)

The dipole can go in the attic at a height of 25' (horizontal) or I can "hide" it on the deck railing in a vertical orientation. Problem with the deck rail is that the center of the antenna would only be at 12' so the bottom element would only be 4' off the ground. It could go horizontal on the deck at 12' but 25' in the attic just seems like a better idea. Although the deck location would make changing elements much easier.

So as not to pester the entire group please send email, flames, sympathy cards :> to me directly and I'll summerize it back to the list in one posting.

TNX es 73's

-- Christopher Cartwright, Tech. Engineer		...our chief weapons are fear,
-- Voice 301.295.0809 N3XRV		fear and surprise, and nice
-- Mail dsc3cjc@imc220.med.navy.mil		red uniforms, oh damn!!
-- ccart@erols.com		-- Monty Python

From owner-qrp-l@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: hbelectronis@BusinessOn.com
Subject: [2736] HB Electronics Home Page
Message-ID: <TCPSMTP.16.8.16.11.13.54.2174255785.128628@BusinessOn.com>

Good Morning Everyone,

Two items, HB Electronics now has a home Page on the WWW. You can check out my online Catalog at:

[HTTP://www.businesson.com/HAMPARTS](http://www.businesson.com/HAMPARTS)

Please send me your comments and let me know how I can improve it to serve you better.

NEW PRODUCT:

If you don't already have it, now is the time to get it.

I have the Data Book for Homebrewers and QRPers - including the QRP Yellow Pages

by Paul Harden and Richard High. It's in stock and ready for quick shipping at the same great price of \$ 17.50 (including shipping) until August 31, 1996. After August 31 it's the normal price of \$ 20.00 plus shipping.

Thanks

Bob Berlyn - HB Electronics
N1PWU
QRP-L # 161
NE-QRP #226

From owner-qrp-l@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: George Gingell <k3tks@u1.abs.net>
Subject: [2743] HW-7 and PM2B Manuals
Message-ID: <Pine.BSI.3.93.960816132345.21945B-100000@u1.abs.net>

Hi Dick,
I thought I could help you, but I can not find the HW-7 manual.

I am in the middle of remodeling and cleaning up the basement.
Mike Czuhajewski, WA8MCQ@abs.net might have a copy and be willing
to photo copy it for you. Mike Bryce, WB8VGE <73357.222@Compuserve.com>
Sells The Hot Water Handbook, which contains lots of mods and info
for the HW-7,8 and 9 rigs.
As for the Ten-Tec Manual on the PM2B, I would suggest going to Ten-Tec
for that one. Try Scott Robbins, KY2P at Ten-Tec
<74130.212@Compuserve.com> Or call them on 423.428.0364
GL es

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net
Maryland Milliwatt Club QRP Reference Library, (301)572-6789

From owner-qrp-l@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: Mike Cloud <cloudm@mhsgate.meth-mem.org>
Subject: [2747] Hy-Gain Antenna Grp Purchase
Message-ID: <437B143201172C16@mhsgate.meth-mem.org>

>
> From: rbm@juno.com (Ronald B. Melton)
>
>Mike - I might be interested. I haven't had a chance to look at the
>traffic and see what this antenna is good for. Is it multiband? How is
>it strung? I assume that it is intended for portable operation
>(camping,
>etc.).
>
>72's - N7NIQ
>Ron Melton
>rbm@juno.com
>

I have had abt 20 responses to my initial inquiry where I wondered if
(this carriage return courtesy of the person who got my 160 character
line, hi hi) any qrp-l members would be interested in pursuing a
group buy of the new Hy-Gain roll-up/reel-up replacement for the
tape-measure dipole. For those of you who have never seen the
original antenna that Hy-Gain made until abt 5 yrs ago, the tape
measure dipole is best described as 2 stainless steel tapes marked in
meters, something like a siamese contractors tape. The two spools
of stainless steel tape were housed together in a single case along
with a connected 1:1 balun. Feed was either via uhf or an
n-connector. Mine has a chart on the back indicating how much
tape should be pulled out to make a 1/2 dipole for every frequency
from 3.5 mhz to 30mhz. These antennas tend to be sought after
and comparatively rare. They were initially very expensive and

remain so on the used market. I don't know of anyone that will sell theirs, hi hi. In P/QRP (portable qrp) operation everyone who has one agrees that these are very fine antennas. The only drawback is their weight (abt 4 lbs) and cost. Seriously, I am a believer in resonant 1/2 dipoles. There is really nothing that can beat their efficiency. Anyway, Telex/Hy-Gain has recently announced a potential replacement. From what I can understand (having not seen one myself yet), this new portable dipole is similar in operation, covers at least 160 - 10 meters, and is considerable lighter. I originally got in touch with them to see if I could get a replacement stainless steel element for my old-style. Unfortunately, due to supplier problems, Hy-Gain stopped production and even parts for the old antenna are unavailable. When their engineer told of the availability of a new, similar antenna, my thoughts went to this group and our little experience with group buying as a cost reducing effort. Ok thats the story. I will be out of town on business (hello Chicago!) until late next week. If you are interested (the antenna has a SRP, suggested retail price, of \$260) please email me at my 'Juno' address 'kr4it@juno.com'. I am not sure if we can make a deal with our friends at Hy-Gain, but what the h*ll, nothing chanced, nothing gained. If the quality and functionality of the new antenna matches the old, then even at the SRP the antenna is a good deal.

cul de Mike, KR4IT

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: svecbrdk@well.com (L.Svec,W.Burdick)
Subject: [2722] IMPORTANT note about RTV (via Paul, W0RW)
Message-ID: <199608160428.VAA11535@mh1.well.com>

Thought I'd relay this bit of very useful info. Thanks, Paul!

>When you specify RTV you need to specify Electronic Grade RTV
>which is fairly hard to find in stores. The regular RTV (that smells
>like vinegar) has acetic acid in it which will eat up your
>wires after a while. Paul S.

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [2768] Improved AGC for the Cascade
Message-ID: <Pine.LNX.3.91.960816203229.6196B-100000@dt1.datatamers.com>

Gang,

This is an early release (with Doug's blessing) of an article to appear in QRPP (probably December). With the recent debut of the KC-2 I thought that this information was timely and should be made available now:

IMPROVED AGC FOR THE CASCADE

by David D. Meacham, W6EMD
206 Frances Lane
Redwood City, CA 94062
ddm@datatamers.com

This modification moves the AGC pick-off point from the output of Q5 to a point AHEAD of the AF Gain control. It also utilizes the unused half of U8 as an AGC amplifier. The result is excellent AGC action that is independent of the AF-Gain-control setting. In addition, it provides an ideal pick-off point for the S-meter input of a KC-2.

The only above-board change is to replace R70 with a 22k-Ohm resistor. All the remaining changes will be done on the underside of the board, "dead-bug" style, with most connections going to the pins of U8, an NE5532.

Step 1: Cut the short trace going from R70 to a long trace joining C42, C41, C35, R26, and pin 4 of U5.

Step 2: Connect a jumper wire from pin 5 to pin 3 of U8.

Step 3: Connect an insulated wire from pin 7 of U8 to R70 at the point where the trace was cut earlier.

Step 4: Connect a 1k-Ohm resistor and a 1uF monolithic capacitor in series with very-short joining leads. Then connect this combination between pin 6 and pin 1 of U8 with the resistor going to pin 6.

Step 5: Connect a 75k-Ohm (or 68k-Ohm) resistor in parallel with a 680pF monolithic capacitor using very-short leads on the resistor. Leave the capacitor leads extending as they came originally. Trim and solder those two leads to fit on pins 6 and 7 of U8.

Now U8b amplifies the output of U8a and drives the existing AGC circuit. R70 was changed to provide a slower turn-on time to minimize the initial "thump" of an SSB signal.

The pick-off point for a KC-2 S-meter is the side of R70 that goes to pin 7 of U8. Approximate AF levels at this point follow:

Cascade RF-Input Power	AF Voltage (peak-to-peak)
-----	-----
-10dBm	4.8V
-100dBm	85mV

Now set the AGC threshold potentiometer (R64) fully counter clockwise. Turn it slightly clockwise until you see 0.5VDC at the cathode of D5. That is the setting I use. Enjoy!

72, Dave, W6EMD

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: PDouglas12@aol.com
Subject: [2715] KC2 report (under magnification)
Message-ID: <960815203651_180016361@emout18.mail.aol.com>

Gang,

I wrote a much more amusing report last night at 11:30 (or so it seemed to me) but I apparantly deleted it instead of sending it out as email Good thing I stopped building after the first PC board of the KC2. Probably would have screwed that up real bad if I kept going.

So anyway, here's the short version of my KC2 progress. Wayne's KC2 is something else. Note, though you'll want to be extra carefull soldering this baby. Two of its ICs are mounted one on top of the other, with the top IC straddling the one below. Hairy, but devilishly clever. It would be a nightmare troubleshooting this thing, so just be careful. The board IS very small (after it's built, that will be a good thing), so it requires lots of steady-handed care under the lamp. I think my 50 year old eyes would have had a hard time with just my Varilux eyeglasses. (Bette Davis said it best: "Old age isn't for sissies.") Which brings me to the magnifying lamp.

You have to get one of these if you are a builder, especially with the little PC boards the kit guys are sending out these days. No more punched-chassis point to point wiring with a soldering gun going on out there unless you are into boat anchors. I just don't know how I managed without the magnifying lamp I just bought. At 39.95, from Damark, with free shipping, I considered it a bargain (see prior post courtesy of Dan Keen for tel no and part nos if

you need it.) But I did read a post about a bargain lamp, and if it is optically good, then do buy it. You need a light with flourescent bulb (22 watts is common), and a big magnifying glass in the middle. You've seen 'em, and may even see one at a flea this fall. Buy one; you'll thank me.

Besides, the glass will be a good safety barrier against solder splashes getting into your eyes. And, despite their declining acuity, you still only get one pair of eyes, so safety is good.

Back to the KC2. The instructions are clear and clean. Good grammar and syntax even. On to the second PC over the weekend, time permitting.

CUL es 72,

Preston WJ2V

From owner-qrp-l@Lehigh.EDU Fri Aug 16 23:13:58 1996

From: Paul Stroud <aa4xx@nando.net>

Subject: [2720] KnightLites Net

Message-ID: <3213E190.6006@nando.net>

> Hi Gang,

>

> We had a good turnout for last Sunday's KnightLites Net. Thanks
> to everyone who stopped by to say hello. The Roundtable meets each
> Sunday night at 0200 UTC (10 PM EDT) on 3710 KHz. The net is open to
> all, regardless of power. Some stations routinely check in with 75
> watts, while others check in with milliwatts.

>

> It's interesting to note the variety of antennas that are being
> used by fellow Knights. W8KUX, WJ4P, and VE3SP are producing good
> signals week after week with their verticals--(Say WHAT??!!) AE4IC is
> also producing good signals with his new horizontal loop. WJ9B and
> WB4IUY are almost always 599+ with their 80M Delta Loop and 100' high
> 80M dipole, respectively. Many Knights use low to moderately high
> dipoles or inverted vees, also with good results. Bottom line--Put up
> an antenna that appeals to you and make some QRP friends through the
> weekly Roundtable.

>

> We invite you to throw some watts (or milliwatts) our way this
> coming Sunday night. (Anybody checking in with less than 100 mW for
> the first time gets a neat certificate.)

>

> Here's the net report for Sunday, August 11th:

>

> N3G0	Gary	Raleigh,	NC	449	1W	Dipole
> KC4URI	Steve	Ashland,	VA	459	5W	

> VE3SP	Ron	Hamilton,	ONT	349	5W	Vertical
> N9DD	Tom	South Bend,	IN	339	8W	NW-80
> AE4IC	Bob	Greensboro,	NC	579	5W	NW-80, Loop
> K3AS	Bill	Wilmington,	DE	449	25W	
> AA6UL	Ralph	Charlottesville,	VA	339	1W	Dipole
> AE4AZ	Ray	Hendersonville,	NC	329	5W	Dipole
> W8KUX	Chas	Kensington,	MD	569	5W	Vertical
> WB4IUY	Dave	Youngsville,	NC	599+	4W	Dipole @100'
> WA4NID	Dave	Durham,	NC	449	2W	TS-50,Dipole
> KE4WCW	Marty	Hendersonville,	NC	599+	100W	Car. Windom
> AA4XX	Paul	Raleigh,	NC	(NCS)	5W	FT-757, Vee
>						
> 72,						
> Paul	AA4XX					

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
 From: "Frank G3YCC" <g3ycc@enterprise.net>
 Subject: [2741] LaBarge's universal ATU
 Message-ID: <199608161818.SAA27381@mail.enterprise.net>

RE: LaBarge's universal ATU

Can anyone send me details of the above. It has been suggested I add it to my web page.
 Thanks.

--

Frank G3YCC
 Ham Radio QRP Web Page:
<http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
 From: Jeff Grudin <grudin@pacific.vdbs.com>
 Subject: [2746] Magnifying lamps?
 Message-ID: <199608161854.LAA20604@pacific.vdbs.com>

Hi guys,

I've been checking out the recommendations for the magnifying lamps. I agree they are very helpfull to builders. I have had three over the years and all had the same problem.

No matter how much you tighten them they seem to sloooooowly drop onto the work you are doing. and will only stay put in exactly the only place you cannot possibly use them from. I think the smoke from the burning

rosin and drops of sweat from your brow actually seem to set them in motion, because they only seem to move at the worst time.

Anybody found a brand or model that has a really good arm assembly that locks securely in place and will keep me from \$%^&\$@&\$^&*&^&#&\$!!!!

Thanks and 72 de Jeff AC6KW
grudin@vdbbs.com

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [2744] NA QSO PARTY?
Message-ID: <9607168402.AA840221529@smtpgw.ccgate.dl.nec.com>

Gang:

Am I correct that this weekend is the North American
QSO Party contest?

If so, can somebody give a breif fill in as to the
basic rules, etc. Is this Phone and CW?

Thanks very much.

73 de Dave AC5GY

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: Joe Everhart <n2cx@voicenet.com>
Subject: [2766] One Pound Dipole
Message-ID: <199608170148.VAA17668@mail.voicenet.com>

Just a reminder about a handy portable dipole I'm offering.

Here's a short blurb.

New PVC Gusher-II protable dipole for 40-10 meters.

One pound dipole for backpackers, etc. Uses light weight low
loss coax feedline. Comes with pre-assembled center insulator
and feedline. Wires for dipole can be cut and installed in
15 minutes. 10+ page illustrated manual with detailed
instructions for single and multi-band antennas.

\$20.00 postpaid, all material included.

Also available is NEQRP club projecct QRP Afield Twenty-30 PVC mast semi-kit withg 20+ page illustrated manual. Kit includes manual and all hardware - you provide the PVC pipe (about \$10).

\$15.00 postpaid - proceeds to NEQRP.

Combo offer - PVC Gusher-II antenna and Twenty-30 mast for \$33.00 postpaid

Contact n2cx@voicenet.com

ObQRP look for N2CX at the Gloucester County Hamfest in Mullica Hill, NJ on August 25. Hope to have QRPARCI banner and will probably be next to AMSAT table. Come chat about QRP!

72/73,

Joe E., N2CX

work: jeverhart@cayman.vf.mmc.com

home: n2cx@voicenet.com

From owner-qrp-l@Lehigh.EDU Fri Aug 16 23:13:58 1996

From: mark.milburn@cshl.com (MARK MILBURN)

Subject: [2719] OZ7C on 30m - legit?

Message-ID: <8C672CF.000A0068E9.uuout@cshl.com>

RB> Did any else hear OZ7C yesterday (22:30Z) on 10.111? He was abt S9, very
RB> loud, calling CQ and came back to me right away with 559. I was running 4.5
RB> watts from my Kenwood 850 so I don't think I blasted anybody in Denmark (?)
RB>

RB> Honestly, he sounded a lil too good for DX but had a pileup going. Is this
RB> legit operator and has/did anyone else work him?

RB>

RB> 72, Roy KE4KDT Norcal QRP-L ARCI ARRL

Yup, I sure did hear him. Didn't try to call him, but he was very loud here in Iowa and was working lots of folks.

73, Mark

... nfx v2.6 [C00000] QRP ARCI #9226 - ARS #139 -NW QRP #418 - ARRL

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: SYDV00A@prodigy.com (MR FLOYD E SMITHBERG)
Subject: [2718] Phoenix Hurricane
Message-ID: <199608160115.VAA27596@mime4.prodigy.com>

If 120 mph wind gusts don't qualify for "Hurricane" status or possibly "Tornado" then what else?? The weather bureau said they were "down bursts."

I watched my 45' tubular tower and 3 element tri-bander sway 3-4' as it's done for the past 10 years and suddenly...kaput! It folded over at the base like a plastic drinking straw and when it landed on the end of the boom, the tower kinked in the middle and the elements all took a permanent set about 2' off center. Completely trashed. Fortunately it missed the house, patio, cement and citrus trees. Palm tree fronds were blowing horizontally...like you see in Florida hurricanes on TV.

Other hams in the area lost verticals, wire antennas and beam extensions above retracted towers. Many, many homes lost shingles....stop signs, street signs, trees, patio covers, brick walls, you name it...all blown over. Debris is everywhere.

Power, phones and water were out for several hours but they were restored within a few hours. Some areas still don't have power today yet and emergency locations are set up to provide dry ice to preserve foods. Hundreds of utility poles down...even hi voltage towers and numerous people were temporarily trapped in their cars when 'hot' power lines fell on their cars while driving. Stop lights were out in many areas and made driving particularly hazardous. After the blow we had 2-3" of rain. Several of the local repeaters were busy tracking the storm, warning others in it's path and providing H & W traffic. I was reporting/checking in with my 2M HT and 4AH battery as well as with 2M mobile from inside my garage... no power=no garage door opener.

Today it's sunny and HOT again and cleanup/repair begins. Maybe a new tower and beam if our 'friendly' insurance company cooperates???

72 Floyd NQ7X Phoenix ScQRPion

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: Bill Acito 16-Aug-1996 1004 <acito@asdg.ENET.dec.com>
Subject: [2730] PM3
Message-ID: <9608161407.AA18938@us1rmc.bb.dec.com>

Another boon for the Ten Tec collection...

I have inherited a PM3 in 'fixer-upper' shape.

Need a sketch for how the dial cord should go on the rig, and before I call Ten Tec, was wondering what the availability would be of spare parts (dial needle, top and side skins). I have had good success restoring a 509; what are my chances with the PM3?

b

. - I own my own words -
Bill Acito
acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

KC1GS qrp-ne qrp-l arci norcal amsat-na arrl-life

From owner-qrp-l@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: wq8q@juno.com (Rick Tyler)
Subject: [2750] Solder Gook
Message-ID: <19960816.152900.6679.0.wq8q@juno.com>

For all of those who have suggested ways to remove solder
gook from your pc boards, one suggestion was just go
to Radio Shack and get some of their gook remover. Well, folks
things have changed at RS. Went there today to get some contact
cleaner and lo and behold, the U.S. EPA has sunk their teeth into
yet another industry . . . RS does indeed have contact cleaner, and
they do have pc board cleaner, but expect to pay in the neighborhood
of \$15.99 for either of those.

I try to stay out of that neighborhood so I passed.

73/72 de Rick, WQ8Q
Cincinnati

From owner-qrp-l@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: Dwayne Rich <dritchff@interpath.com>
Subject: [2757] soldering irons
Message-ID: <3214EE90.42A3@interpath.com>

Tanks for all of the replies on the soldering iron. It's nice to see the number of responses I got. Thanks again.

Dwayne

--

NC FFII/NC EMT-Defib/NC HAZMAT Operations/ NC Basic Rescue Tech
Ham Operator KC4ADW QRP-L#336
"Strive For Perfection Settle for Excellence"

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: John_Kirby@ATK.COM (John Kirby)
Subject: [2749] Super-het HF RX !WOW!
Message-ID: <1996Aug16.141603.1180.138447@msm.atk.com>

Hay Gang,

Check out Electronic Design News (EDN), Aug 1, 96, page 112.....

BUILD YOUR OWN SUPERHETERODYNE RECEIVER by S Hageman...

..three-IC super-het with the old standbys NE602, LM386
..and something "new" the PLESSEY Z414 --IF Gain--
..also uses the TOKO HCFM-455 --ceramic filter--

An SASE to

N3AAZ/QRP
204 Holly St
Centreville, MD 21617

will fetch you a copy of this article and schematic...

72/3, John

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Subject: [2767] Ten Tec Argosy carrier oscillators

Message-ID: <8536.840251831@safety.ics.uci.edu>

First, note that I am not presently subscribed - so any comments or questions must be directed to me by email to my return address.

Second, I had asked about the Ten Tec Argosy carrier oscillators a few weeks ago. I had tried to adjust them by ear, since I had installed another SSB filter and taken out the stock filter. I got it to sound fine on both Sidebands and to come out at about 700 Hz for the center frequency on CW. All seemed fine with the receiver.

But then I complained that my power output was way down on CW, but not on SSB. I was only getting 10 watts or so on the 50 watt position. I couldn't figure it out and asked if the carrier oscillators were critical for the passband of the main filter in the transmitter chain.

I borrowed a frequency counter and did the proper procedure for alignment of the carrier oscillators. NOTE that the manual is WRONG about which cap to turn for which adjustment. It is not hard to figure out the correction, but I am happy to give you the correction if you need it.

I carefully set all the carrier set points to the best tolerance I could (1 Hz on the counter I have) and the receiver sounds fine, the CW center frequency is just right, and the power problem is gone.

Conclusion: the carrier oscillator alignment can indeed affect power output on CW. They are critical to get just right. Ten Tec says they rarely need alignment, so DO NOT WORRY unless there is an obvious problem.

72

Clark
WA3JPG

turner@ics.uci.edu

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: facmsa@facilities.buffalo.edu (Adams, Mark S.)
Subject: [2732] Test Message-SRI
Message-ID: <1996Aug16.094800.1483.12796@facilities.buffalo.edu>

Sorry I must do this gang,

But I am having mail troubles. I hope this comes back to me!

Mark N2VPK

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: rxd7@hunny.INS.CWRU.Edu
Subject: [2731] Test-Do not Read
Message-ID: <199608161439.KAA15770@rabbit.INS.CWRU.Edu>

Test Mail

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: wb8ygg@juno.com (Bradley S. Mitchell)
Subject: [2761] Testing a New case
Message-ID: <19960815.202258.10527.0.WB8YGG@juno.com>

I am in the process of painting an empty
General Foods International Coffee Can.

It's the Rectangular can actually looks
about the right size for a project.

I'm just test painting to see how it will
turn out , but these cans show some promise for
homebrewers.

My wife drinks the stuff a lot. More now
that I've told her that I don't mind that she spends
a lot more on her coffee than mine. :-).

So far it's turning out nice.

73 Brad Wb8YGG

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: leeghee@singnet.com.sg (NG HENG LEE)
Subject: [2727] TOYKO HY-POWER-115 ENGLISH MANUAL
Message-ID: <199608161205.UAA03881@merlion.singnet.com.sg>

HI GANG,
i have a 15m rig by this Tokyo hy-power, but the manual i have is a Japanese one.
anyone who have the English version manual, please contact me. thanks

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: "Frank G3YCC" <g3ycc@enterprise.net>
Subject: [2739] Web site
Message-ID: <199608161818.SAA27356@mail.enterprise.net>

New info on my web pages:

Audio filter for GQ20
More homepage url's
more links
more pics of 49ers

Soon will be full up!

Bye.

--

Frank G3YCC
Ham Radio QRP Web Page:
<http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: "Frank G3YCC" <g3ycc@enterprise.net>
Subject: [2740] Web sites
Message-ID: <199608161818.SAA27324@mail.enterprise.net>

Thanks for all of you who have sent me your homepage URL's - they are all on my site now. I will add any others as and when I get them.
Cheers.

--

Frank G3YCC
Ham Radio QRP Web Page:
<http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: Paul Harden <pharden@aoc.nrao.edu>

Subject: [2725] Re: (LONG) Re: ARS Sprint non-report
Message-ID: <199608160451.WAA21102@zia.aoc.nrao.edu>

> 100 to 120 mph winds recorded, and the storm headed down to the southwest

Did you mention the wind?

I think what hit you in PHX last night is about 10 miles away from me right now. Wind is now blowing and gusting heavily and the sky is illuminated every few seconds with these impressive blasts of sheet lightning ... just enough to see this wall of rain and ugly clouds just behind the mountain to the west. I think the ETA is about 10-15 minutes. Only those of us in the southwest can appreciate the fury of these freak desert storms.

This may be my last. If you don't hear from me again, just want to say th.. **&&^SKKKKK

(carrier dropped. No node detected)
(no connect)
(error code 0094 - account terminated)
(account NA5N - disconnected: undeliverable mail)

poof

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: DYARNES@aol.com
Subject: [2765] Re: (LONG) Re: ARS Sprint non-report
Message-ID: <960816212000_387092039@emout15.mail.aol.com>

In a message dated 96-08-16 14:43:13 EDT, pharden@aoc.nrao.edu (Paul Harden) writes:

<<
poof
>>

What Paul meant to say was "SPOOF!"

72 de David W7AQK

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: "John D. Spittle" <jds@vcn.bc.ca>

Subject: [2716] Re: EPHIPHYTE 2

Message-ID: <Pine.3.89.9608151641.A7444-01000000@opus.vcn.bc.ca>

Hi Frank:

I have a feeling that someone else has already responded to this enquiry. If you refer to the next issue of SPRAT (#86) you will see that I modified the PA output circuitry following reports of "fuzzy" audio. Too late to catch before printing but in time for Sheldon Hands to produce a modified board. Unfortunately, this did not effect a complete cure. Details of a modification to remove a "ground loop" on the board appears in the current (#87) issue of SPRAT. The modification is simple and can be done neatly.

Needless to say I feel greatly embarrassed over the whole thing. The first modification was in all probability unnecessary. I became "over-zealous" when filling-in the ground plane. Bear in mind that it is a single-sided PCB. I can assure you all that the EP-2 has lived up to all expectations over the past few months. We have 3 (three!) QRP nets daily. One night this week we had Q5 copy all round with WA6MMA (Sacramento CA) and KI7KW (Portland Ore) - both running an EP-2 and VE6CG0/P from his cabin in ALTA running an original Epiphyte plus several VE7s running QRP rigs of their own design. I now feel vindicated!

I am presently unable to send graphics over the Internet (I'm ashamed to admit that I haven't found out how to!). If you still want me to send the material (which in any event is merely the original of that already published, let me have your address. I will be visiting the UK in October for the Mini-convention in Rochdale and hope to meet up with you there.

72/73 Derry VE7QK

PS Stop maligning the CA3020A! You've got everyone looking for parasitics now. The "scientific gentlemen" in the colonies to the south are unable to detect any.

On Tue, 13 Aug 1996, Frank G3YCC wrote:

> A pal of mine and GQRPer has bought the pcb for the Epiphyte 2 but the
> board doesn't tie up with the Sprat article. I seem to remember there was
> some mail on this, Can someone help me to assist him to locate the
> 'mods'.
> Thanks.
> --
> Frank G3YCC
> Ham Radio QRP Web Page:
> <http://homepages.enterprise.net/g3ycc/>
>

>

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: duane <duane@flinet.com>
Subject: [2717] Re: Explorer 1 or II
Message-ID: <3213D27D.101A@flinet.com>

Hi All, thanks for all the replies ref to my buying the explorer I or II. may I say that this is by far the best bunch of people I've met on the internet. Thank you All !! well my choice is going to be the explorer II for 30 meters and a lot of cw practice. 72/73 to all
duane AB4BE <http://www.flinet.com/~duane>

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: Mike Cloud <cloudm@mhsgate.meth-mem.org>
Subject: [2735] RE: Good sources for Solar Panels??
Message-ID: <055B143201172C16@mhsgate.meth-mem.org>

>

> From: GARY McCAUGHEY <MAIL4GARY@worldnet.att.net>

>

>Am looking for a source of Solar Panels. Of course, price is important
>(strict budget here). Has anyone found a source for new/used panels in
>the

>500 ma to 1 amp range that are reasonably priced??

>

>Any help will be appreciated.

>

>Gary
>WA2UAX

>

>

No, and if you do, let the group know, please. I went thru this laborous exercise abt 4-5 months ago.

Yes you can scratch around and find 'surplused' panels but they are heavy or old or broken or

require something special to work, and/or any combination of the above. I spoke with a

couple of friends of mine who got a bunch of surplus panels abt 1 1/2 years ago and they

still don't have anything that works. BTW if you manage to find some panels, your gonna

find that you need a controller. Contact Antennas West. They have a broad variety,

latest technology and relatively cheap (nothing abt pv power is cheap, hi hi). They also are pretty knowledgeable. Remember this is not an easy or cheap thing. The quality of your final product is dependent totally on how much work you can and do perform. Frankly, since you are probably looking for something light, small, and durable (all of which PV panels are NOT!) and it requires a considerable investment in your time and energy, don't skimp on the panels. de Mike, KR4IT "solar powered a lot of the time"

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: Stanley Wilson <microres@crl.com>
Subject: [2752] Re: Good sources for Solar Panels??
Message-ID: <Pine.SUN.3.91.960816115513.22344A-100000@crl11.crl.com>

New panels are not cheap, but can be obtained from SUNELCO, Hamilton, MT.

On Fri, 16 Aug 1996, GARY McCAUGHEY wrote:

> Am looking for a source of Solar Panels. Of course, price is important
> (strict budget here). Has anyone found a source for new/used panels in the
> 500 ma to 1 amp range that are reasonably priced??
>
> Any help will be appreciated.
>
> Gary
> WA2UAX
>
>
>

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [2755] RE: Good sources for Solar Panels??
Message-ID: <Pine.SUN.3.90.960816142940.23794A-100000@vortex.sage.dri.edu>

Mike,

Good advice!

Here is where I buy our panels, batteries and controllers:

Blackhawk Solar Access
Bill Rockett
P.O. Box 1468
Quincy, CA 95971
(916) 283-1396

Bill has been very helpfull to us and his pricing is competative.

But I'll repeat what Mike said: Solar Power is NOT cheap!

Enjoy, cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: rright@primenet.com (Roger Hightower)
Subject: [2758] Re: Good sources for Solar Panels??
Message-ID: <199608162208.PAA10756@primenet.com>

At 04:45 AM 8/16/96 +0000, GARY McCAUGHEY wrote:
>Am looking for a source of Solar Panels. Of course, price is important
>(strict budget here). Has anyone found a source for new/used panels in the
>500 ma to 1 amp range that are reasonably priced??
>
>Any help will be appreciated.
>
>Gary
>WA2UAX
>

Try Mike Bryce, WB8VGE of Sunlight Energy Systems. I purchased one of his
small panels and a controller over a year ago and am very pleased.

e-mail address is 73357.222@CompuServe.COM.

I understand he is in the process of moving, so the mailing address given in
the QST article (Sep '96, page 43) may not work.

72/73 de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: jgann@mindspring.com (Alvin G. Gann)
Subject: [2754] Re: Magnifying Lamps ON SALE
Message-ID: <199608162132.RAA21292@borg.mindspring.com>

It is in deed a national sale. I called the local Hancock Fabrics and they have them for the sale price. I tried it and it looks like it is going to help on my soon to be built 40-9er. BTW, it is not a flourescent lamp, but has a socket for an incandescent bulb. I used a 40 W. bulb which seems to be good. The space for the lamp is tight.

Good luck, happy soldering. 72 --Jerry W1UI

>Illuminated swing-arm (a bit over 1 meter) magnifying lamps are on sale at
>Hancock Fabrics, Minnesota Fabrics, and at Fabric Warehouse until August 31.
>These stores are part of a national chain, so you might find one close by.
>Noticed the ad in a sale bill which came in yesterday's mail.
>
>Found one for a close-out price of \$9.99. Has tensioners and balance
>springs on the swing arms, and comes with a nice clamp for table use. My
>table was quite thick, so I pulled the clamp, and drilled a hole to fit the
>swivel pin into the top surface of the table. Quite nice, and really saves
>the ol' eyeballs. The lens is glass, not plastic, and I have not had any
>noticable distortion.
>
>Usual disclaimers apply. Best DX and 72's.
>
>Bruce Barley KB0PZD qrp-1 #69
>lbbbarley@feist.com
>
>
>

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: "Bill C." <wrc@tir.com>
Subject: [2748] Re: Phoenix Hurricane
Message-ID: <3214EC8F.1E7A@tir.com>

Hi Floyd.. and everybody else,

Sorry you folks had all that trouble.

>If 120 mph wind gusts don't qualify for "Hurricane" status or possibly
>"Tornado" then what else?? The weather bureau said they were
>"down bursts."

We have to deal with this question all the time. If *your* tower blows down,
or *your* home is destroyed the correct name for the wind is irrelevant.

To make some reasonable guesses about what a storm might do next, the correct
name is not trivial at all. Here on the outskirts of "tornado alley" Many
more tornadoes are reported by the public than actually occur. Some of them
get upset when informed that they were wrong and no tornado occurred. Very
high winds create hair-raising experiences regardless of labels.

Did you ever notice that NOAA weather issues thunderstorm warnings, tornado
warnings, hurricane warnings, flood warnings, etc. They do not issue fair
weather warnings. The type of storm indicated can give you clues about what
to expect and what course of action to take. A hurricane that is reported
1200 miles south of me may cause some wind and rainy weather when it gets
this far north (Michigan). A tornado 10 miles east of me is no threat at all.
A downburst a half mile east of me will have no effect at all on me (unless
it knocks out power). If those last two are reported the same distance to my
west I'll hide!

If any you haven't already, you should consider taking "Skywarn" training or
whatever NOAA weather spotter training might be called in your area. The
information you gain could save your life! You'll at least better understand
what is happening when the weather turns nasty.

73,

Bill KU8H

From owner-qrp-1@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: QLF%mimi@magic.itg.ti.com
Subject: [2760] re: POWER MEASUREMENT
Message-ID: <9608162159.AA05987@itg.ti.com>

From: Brad Bradfield QLF

Subj: re: re: POWER MEASUREMENT

John, WA8KNE wrote:

>To measure power at the output of the balanced line output of a tuner
>you can use an RF probe on your DVM to measure the voltage across a
>dummy load. Depending on what you are using for feedline (300,450,600

>ohm line) you would replace the feedline with a noninductive dummy load.

Unfortunately, feedline impedance has nothing to do with the load that would have to be substituted at the output of the balanced line tuner. In order to use this method, you'd have to know what the impedance of the ANTENNA is, and substitute that value dummy load, and a complex impedance load at that.

73's

Brad, WB0CGH

```
*****
Brad Bradfield, PE                      Electrical Design Engineer
(H) 817-321-2960                        Texas Instruments, Inc.
(W) 214-462-6230
```

Real men talk with their fingers!

QLF@MSG.TI.COM

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M) ARS #72

Collector of wireless and landline Morse keys and accessories.

```
*****
```

From owner-qrp-l@Lehigh.EDU Fri Aug 16 23:13:58 1996

From: DYARNES@aol.com

Subject: [2721] Re: QRP Websites

Message-ID: <960815235127_386344418@emout14.mail.aol.com>

In a message dated 96-08-13 23:17:06 EDT, kd7s@psnw.com (Bill Jones) writes:

<< I'd like to thank Steve Hideg and Jerry Parker for the supurb work they do to maintain the QRP-L and NorCal websites. >>

As I believe Socrates once said, "I'll drink to that!"

Seriously, these gentlemen are fun to watch. If you really want to see what can be done on a web page, check these out. I am continually amazed and impressed.

My sincere thanks to both of you (and whoever might be helping you) for spending YOUR time for MY benefit.

72 de David W7AQK

From owner-qrp-l@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: George Gingell <k3tks@u1.abs.net>
Subject: [2729] RE: QRPeaA (QRPAA Charter Members)
Message-ID: <Pine.BSI.3.93.960816083019.15999B-100000@u1.abs.net>

Larry,
FYI, It is quite simple, Not to worry, You are accepted as a Charter member. It is called "FUN!" I for get the message that I sent out, but Ed reminded me with his comments. It had to do with this magnificent obsession that we have of Collecting Ten-Tec Equipment and Other QRP Thingies. Each of us has our own particcular "Addictions". Very much like AA & NA, Etc. So why not a QRP Addiction Anonymous group? We don't really have a formal group, but of course you knew that. The real idea is to have a Laugh at ourself and accept the fact that we do have an addiction to what we are doing, else we would not do it! If I were an eloquent writer, I would write up something along this line for the Quarterly. We need a little humor in our life from time to time. It is fun to laugh t ourselves and our friends from time to time. There are a few on the QRP-L who take life a bit too serious. In fact, there are a few on QRP ARCI BOD who could use a laugh now and then.:^) This is my small contribution to the effort. Keep smilin' :^)

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net
Maryland Milliwatt Club QRP Reference Library, (301)572-6789

From owner-qrp-l@Lehigh.EDU Fri Aug 16 23:13:58 1996
From: "Frank G3YCC" <g3ycc@enterprise.net>
Subject: [2738] Re: WWW site Dan's Sml parts ?
Message-ID: <199608161817.SAA27304@mail.enterprise.net>

I have the info on my web page - where else?

--

Frank G3YCC
Ham Radio QRP Web Page:
<http://homepages.enterprise.net/g3ycc/>

> From: Bowes, Fr. Bruce <GBB1@MUSICB.MARIST.EDU>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: WWW site Dan's Sml parts ?
> Date: 15 August 1996 13:39
>
> I am looking for the address of Dan's Small Parts on the Web.
> Thanks

> Fr Bowes
>